QUA-RAE

ERIE'S FINEST AMATEUR RADIO NEWSBULLETIN

VOL. II NO. 12 JULY 1971

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CO-EDITORS
Mike Hall 833-9649
Rick Robishaw 864-1820

CONTRIBUTORS
Bob Bair 725-9226
Chuck Manross 455-8829

All meetings of the RAE have been suspended for the summer. Have a good vacation!

NEXT MEETING - SEPTEMBER 2, 1971

THE RADIO ASSOCIATION OF ERIE, INC... SERVING AREA AMATEURS FOR 26 YRS.

The Radio Association of Erie, Inc.
Post Office Box 844
Erie, Pennsylvania. 16512

Non-Profit Org.
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Erie, Penna.
Permit No. 266

L. H. JETER W3HTD
434 VERMONT AVE.
ERIE, PA. 16505

JOIN THE RELIABLE AMATEURS OF ERIE

RAE MINUTES
June 3, 1971

The meeting was called to order at 8:10 PM by Vice President WA3HSR.

Officers present: WA3HSR, WA3MAU and WA3KAI.
Directors present: WA3HDK, W3KPM, K3VLP and WA3GIV.

Correspondence: WA3HSR introduced the following correspondence.
(1) Several QSLs from County Expeditions.
(2) Account statement from Sentry Crystals.
(3) Balance statement of Addressograph prepaid account.
(4) Check from American Red Cross for 2 meter crystals.
(5) Bill from Holiday Inn South for Carl Mosley.
(6) Newsbulletins and Hamfest announcements.
(7) NASA letter concerning visit from Paul White.
(8) Thank you letter from CD on welfare driveout participation.

Activities: The following upcoming activities were elaborated on by WA3HSR.
(1) June 18 & 19 - RAE booth at Pa. State DeMolay Convention.
(2) June 24 - RAE tour through First National Bank Computer Center.
(3) June 26 & 27 - ARRL Field Day - plans set for CD Farm.
(4) July 3 & 4 - County Hunters Convention in Kansas City, Mo.

Committees: The following committees gave reports.
(1) ARRL - W3ZLO had nothing to report as he received no correspondence this past month.
(2) QUA-RAE - WA3HSR advised the newsbulletins would be mailed out on Saturday, June 5. Some printing problems were also experienced.
(3) HAMFEST - K3VLP elaborated on several ideas for this years affair and he advised final thoughts would be discussed at the July meeting.
(4) COM TRUCK - WA3GIV reported that the truck now sports a new 'ball' for hauling the 10 KW generator. Fred also reported that repairs on the 2 meter rig were going well and that a replacement mast will be needed for the old 30 foot colapsable support.
(5) CIVIL DEFENSE - No report was made as W3KPM was excused from the meeting.
(6) REPEATER - W3ZLO reported the 19-79 channel is ready to be activiated. Chuck also stated lots of activity this month especially during the weekend of the Rochester, N. Y. Hamfest. There will also be a repeater committee meeting in the near future.
(7) AUCTION - WA3HDK gave a final status report on the April Auction and indicated a small profit of $34.29 after bills were paid.

Old Business: WA3HDK made a motion, "that the profit ($34.29) from the Auction be donated to the Lake Shore Amateur Radio Club." The motion was seconded by K3VLP, was voted on and carried. Bob also said he would submit a formal written report on this year's auction by the July business meeting.

K3VLP advised he would have a report by the July business meeting finalizing the main prize and other items for the hamfest.

K3VLP is to check at the Ramada Inn as to see what will be needed for communications booth at the DeMolay Convention.

RAE MINUTES
(continued)

WA3LSY made a motion, "authorizing WA3HSR and K3VLP to represent the RAE at the County Hunters Convention and further authorizing them the use of the club call W3GV." W3ZLO seconded this motion which was voted on and carried.

New Business: WA3GIV made a motion, "that the RAE hold only the business meeting next month (July 1) and cancel the July activities meeting as well as both the business and activities meetings for August." This was seconded by W3ZLO, voted on and carried. Regularly scheduled business and activities meetings will resume September 2, 1971.

W3ZLO suggested the Secretary send a "get well" card to George Roschy, W3LKJ in room 296 at Hamot Hospital.

WA3HSR, Field Day Chairman, advised that as part of Field Day competition, the RAE will challenge all clubs from Erie County in a contest and an award will be given. Mike has final details and rules.

W3ZLO reported that the latest interference on ECARS net has been located and proper action has been taken.

There were 10 members present.

The following bills were turned over to the Treasurer for disposition:
(1) $41.27 from WA3HDK for auction.
(2) $21.70 from WA3GIV on COM Truck.
(3) $20.14 from WA3HSR on May Activity (Carl Mosley motel bill).

The following check was turned over to the treasurer for deposit:
(1) $30.05 from American Red Cross for 2 meter crystals ordered.

A motion for adjournment was made at 9:35 PM by WA3HDK, seconded by WA3LSY, voted on and carried.

PS - Omitted from above:
The May minutes were read and approved.
The new treasury balance after paying bills was $155.77.

Respectfully submitted,
Chuck Manross, WA3KAI

SSB

QUA-RAE SSB ads get results! Why not start cleaning the shack and submit yours now.

FOR SALE: Heathkit HW-16 CW xcvr.

Call or write: Jim Smith WA3MTA
78 Market St.
Albion, Pa. 16401
756-3298 after 3:00 PM week days.

SALE SWAP OR BUY
(continued)

FOR SALE: (1) Model 15 RTTY printer in good operating condx. $50. FIRM
(2) Eico 720 90 watt CW xmtr plus model 730 AM modulator. Includes modified VF-1 VFO and power supply, novice xtals and low pass TVI filter. WILL MAKE GOOD NOVICE RIG. $100. FIRM
(3) Surplus oscilloscope - La Voie model LA-239A. Has new 3JP1 (scope tube) Numerous controls and functions. Fair condx $40. NEGOTIABLE
(4) Large steel cabinet rack with sloping front. Carrying handles on sides and approx. 19 x 26 inch front opening. Very sturdy. Ideal for linear and power supply. $5. NEGOTIABLE
(5) Hewlett-Packard model 410A VTVM with manual. $25. NEGOTIABLE
(6) 3 used B & W TVs. 1 operational $5. Non-working $1. NEGOTIABLE
(7) Several overtone xtals. FT-241 holders. 20.8; 22.1 and 25.2 MHz 25¢ each.
(8) Homebrew 3 element 15 meter wide-spaced beam. 20 ft. boom makes easy addition of 10 meters possible. Very sturdy. $15. NEGOTIABLE
(9) Misc. parts and coax.

CALL: Dave Miller, WA3COS
866-2026

WHAT DO YOU WANT OR HAVE TO SELL ? SEND IT IN NOW!

JUNE TRANSMITTER HUNT

The June hunt was held on the 20th, Fathers Day. This holiday explains the light turnout of mobiles. W3ZLO with rider WA3LSY was hidden on 10 meters while six had no hidden transmitter. Chuck described his location as being able to see the Penelec water tower and Turnbull elevator tower along with trees and areas for playing tennis and softball if one wished. This quickly narrowed it down to an area of south Millcreek in the Chestnut Hills or Winchester area. Chuck, using Rick's HE-50 put out a terrific signal and as one got close, it seemed to come from all directions. WA3HSR was the only known mobile hunting. Mike seemed to zero in on the area fast but hunted for 45 minutes before finding it. Many locations had to be investigated and Mike says he saw them all. The mobile had to determine which side of Rt. 505 (Perry Highway) the signal was coming from. Points from St. Nicks Grove on Rt.97 to the Thruway were looked over with the signal level not changing. Chuck then said he could see a church steeple. This sent Mike scampering to the Unitarian church on Perry Highway before he realized he was going in the wrong direction. All parking lots and local dog kennels were checked out before Chuck gave in and said he was west of Rt. 505. While getting on the other side, Mike spotted Don, W3HLM playing it silent with his loop. Don was still trying to figure out where Cherry St. was while Mike investigated some apartments. While looking these over, he reportedly spotted some YLs taking a swim and this detained him for a few minutes. When he finally got around to looking for the transmitter, Chuck had said it was west of Cherry St. This still didn't help Don who was unfamiliar with that part of Erie. Mike decided that the only place in this area that would fit the description was JS Wilson School. While passing the school, he spotted the mobile nestled among some pine trees in the back. After 9 months of trying, he finally made it first. Don eventually made it when Chuck spotted him passing the school and talked him in. Even though a lite turnout, the mobiles got better and W3HLM learned more about Erie area streets.

TRANSMITTER HUNT (cont)

Next month's (July) hunt will be held on the 18th and start at 6:30 PM. Hidden will be WA3HSR on 10 and WA3EZN on 6. It is also hoped that Chuck, W3ZLO will be hidden on 2-FM. The addition of 2-FM may bring out 6 more active mobiles. The race for the annual award is tightening up on 10 meters, while six is still dominated by W3ALD. Who is destined to be the king on 2-FM? Standings through the June hunt are:

10 METERS

W3HLM	51
K3PLV	42
WA3HSR	34
W3ZLO	22
K3VXE	11
WA3LSY	9
K3VLP	6
WA3GIV	1
WA3GUL	1
WN3QAT	1
WN3QVS	1

6 METERS

W3ALD	50
K3ATZ	25
K3QAY	20
WA3EZN	15
WA3ISN	9

NEXT HUNT JULY 18 6:30 PM

STRAYS

W3LKJ We're glad to hear that George is recovering from his bout with pneumonia. We hope to hear him back on the Eye-Bank Net soon.

W3AQY Thanks go out to Mac and the FNB for the fine tour of their computer facility on June 24.

W3NXK John is back in operation after having another eye cataract removed. He hopes to be in full swing shortly and may even try for his extra ticket.

WA3GIV Fred became doctor to a guinea pig while on Field Day. It seems that not even a guinea pig can spend all day in a hot car!

WA3HDK Bob hopes to be first in the area with [illegible]TV as soon as he finishes his new and redesigned shack.

W3ZLO Hey Chuck, what's the dif between "over" and "out" when used on MARS?

K3KRA Gary has designed a tilt over tower on a truck for quick portable power.

WA3MTA After passing his General on May 21, Jim looks foreward to operating with a Yaesu FTdx 560 as soon as the ticket comes.

WN3MTS We welcome Francis as our latest 1971 member.

WA3COS Dave had little luck in trying to load his new computer length dipole for 75/40 M. maybe next time he'll stick to the ol' slipstick.

W3SN Bart had to brush up on some of his Trig and Algebra while trying to help WA3GIV through a correspondence course; and tutoring him at Field Day.

WA3QDT PARC station put out a fine sig on FD along with W3ALD from LSARC.

Another puzzle is presented this month to take your mind off of last month's which may have given you a few gray hairs. As long as the supply lasts, we'll try and feature one each month. This one features all of the state capitals along with the words "state" "capitols". Send your puzzles in and share them with everyone.

A N C H O R A G E Y R E M O G T N O M S S M

L I T T L E R O C K H B O S T O N P S I A O

B N O S I D A M X M O A J Y R F D C P L L N

A N N A P O L I S P N T E T I R E O R O T T

N D E S M O I N E S O O F I C A N N I P E P

Y G N I S N A L D O L N F C H N V C N A K E

X I N E O H P M E V U R E N M K E O G N A L

E N N E Y E H C O I L O R O O F R R F A L I

S U B M U L O C X D U U S S N O H D I I C E

P R O V I D E N C E N G O R D R E J E D I R

H A R T F O R D G X R E N A S T L A L N T Y

N O T S E L R A H C M S C C T S E C D I Y T

P S A N T A F E M S F A I R P T N K T C A I

E E S S A H A L L A T L T X A A A S O A B C

L I N C O L N U S C P E Y C U T X O P P C A

L H A R R I S B U R G M E P L E Z N E I D M

I R A L E I G H O A U G U S T A R Z K T E O

V X R I S R X Z D M P I E R R E S X A O O H

H P N G E B O I S E M O X T A A T N A L T A

S L S V M S D R L N B I S M A R C K S S A L

A M O A U S T I N T T R E N T O N T M R B K

N D L A I B M U L O C W P X R A I P M Y L O

Don't forget, there are the two extra words mentioned above along with the 50 state capitals. Even if you don't solve the puzzles you'll be brushing up on your US Geography and can talk intelligently to a sixth grader. Others are coming.

JULY 1971

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
NETS 6 & 10 Meters				1 RAE Business Meeting. 8:00 PM	2	3
4 NETS 6 & 10 Meters INDEPENDENCE DAY CHS	5	6	7	8	9	10
11 NETS 6 & 10 Meters ONTARIO "QSO" PARTY.	12	13	14	15	16	17 ONTARIO (CANADA) "QSO" PARTY
18 NETS 6 & 10 Meters TRANSMITTER HUNT (BELOW)	19	20	21	22	23	24 COUNTY HUNTERS "CW" CONTEST.
25 NETS 6 & 10 Meters COUNTY HUNTERS "CW" CONTEST	26	27	28	29	30	31

OTHER "DATES TO REMEMBER"

JULY 18 - RAE. TRANSMITTER HUNT AT 6:30PM 2M/FM - 6M & 10M.
JULY 17+18 - ONTARIO (CANADA) "QSO" PARTY.
JULY 31 + AUG. 1 - R.A.E. COMMUNICATIONS BOOTH AT LAKE RANGERS JAMBOREE
AUG. 7+8 - D.A.R.C. (GERMANY) WORKED ALL EUROPE "CW" CONTEST.
AUG. 21+22 - NEW JERSEY "QSO" PARTY.
AUG. 28+29 - ALL ASIAN "CW" CONTEST
SEPT. 11+12 - D.A.R.C. (GERMANY) WORKED ALL EUROPE "PHONE" CONTEST
OCT. 9 - R.A.E. ANNUAL "HAMFEST". (MORE INFORMATION LATER)

REMEMBER: THERE WILL BE NO ACTIVITIES MEETING FOR JULY AS WELL AS BUSINESS OR ACTIVITIES MEETINGS FOR AUGUST. REGULAR SCHEDULED MEETINGS WILL RESUME ON THURSDAY, SEPTEMBER 2, 1971.

JOIN THE R.A.E. TODAY.....

"ERIE'S ONLY AMATEUR RADIO CLUB"

STRAYS

WA9EZP Irene reports that it took her two hours to find Tennessee in last months puzzle. She mentioned she didn't want a plug in the newsbulletin so we wanted to give her a socket instead, but your editor is no artist. HI

WA3LSY Rick will be attending Behrend this fall but still hopes to be active in the RAE. He will soon be mobile with an HW-100.

WA3LKR Brad stopped by to visit the RAE display at the DeMolay convention during the activities. Brad is a member of the local chapter.

W3GV RAE Bliley Memorial Station received international publicity in an article written for the international newsletter published by DeMolay. About 15 messages were handled and nearly 50 people stopped by to take a look at the setup.

WA3HJC Lee reports that Adak, Alaska is merely a name, no town. Many mountains and a USN COMSTA are all that is on the rock. KL7AIZ has been on the Confusion Net but poor skip prevented any traffic exchange.

WA3MAU Joe hopes to have a low band xcvr by the end of summer.

W3HTD Lin spends a lot of time monitoring ECARS helping stations looking for Erie.

K3VLP George reports that his homebrew tuning network on his Hustler has nearly doubled the signal on 75 meters. Look out rare counties.

****

DID YOU KNOW THAT .....

The highest speed recorded at which anyone has received Morse code is 75.2 words per minute - - over 17 symbols per second. This was achieved by Ted R. McElroy (US) in a tournament at Asheville, North Carolina on July 2, 1939. Any challengers ???

The world record for nonstop talking is 138 hrs (5 days 18 hrs) by Victor Villimas of Cleveland, Ohio, in Leeds, England from October 25-31, 1967. What a field day operator he would make.

- - - Guinness Book of Records

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THE FINAL FINAL

As the QUA-RAE winds up its second year of being, the RAE is winding up its two most active years in its history. Spectacular growth resulted after the QUA-RAE became popular and hams around Erie began to stand up and take notice of their ham clubs. If continued growth and activities is to be, the QUA-RAE must also continue to be. We look foreward to another year of new ideas and success.

Of course, the QUA-RAE didn't do it alone, it was the response by Erie hams that kept the club and newsbulletin going. For this we express our sincere thanks, and hope that it may continue in the future.

73s Mike WA3HSR